

CLAIMS

- 1 Process for producing a channel cleaning brush (1) for cleaning an endoscope operating
channel, comprising, mounted on a flexible core (10), at least one brush (15) comprising a
5 cleaning coil (21) disposed on a shaft (20), wherein a synthetic material brush (15) is over-
moulded (30', 30"; 100) onto the core (10), the process being characterised by the fact that a
plurality of brushes (15) are over-moulded onto the core (10).
- 2 Process as claimed in claim 1, wherein the core (10) is pre-cut between two brushes (15).
- 10 3 Process as claimed in claim 1, wherein the core (10) is cut between two brushes (15), the
two strands (10', 10") of the core are separated and a pre-cutting point connector (23)
comprising a breaking point (24) is over-moulded onto the two strands (10', 10").
- 15 4 Process as claimed in any one of claims 1 to 3, wherein the core (10) with no brushes
applied is unwound from a supply spool (50) and the core (10) bearing the brushes (15) is
wound onto a receiving spool (60).
- 20 5 Process as claimed in any one of claims 1 to 4, wherein the over-moulding is fusion
diecast moulding.
- 6 6 Process as claimed in any one of claims 1 and 5, wherein over-moulding is carried out in
a modular mould (30', 30").